

**METHOD FOR PROVIDING SENSORY FEEDBACK TO THE
OPERATOR OF A PORTABLE MEASUREMENT MACHINE**

Abstract

A method for providing feedback to the operator of a portable coordinate measurement machine which comprises an articulated arm having jointed arm segments is presented. The method includes sensing deformation of a portion of the articulated arm when the arm is placed under a load, the deformation being an indication of the magnitude of the external force being applied to the arm, and providing feedback to the operator of the CMM in response to the sensed external forces.